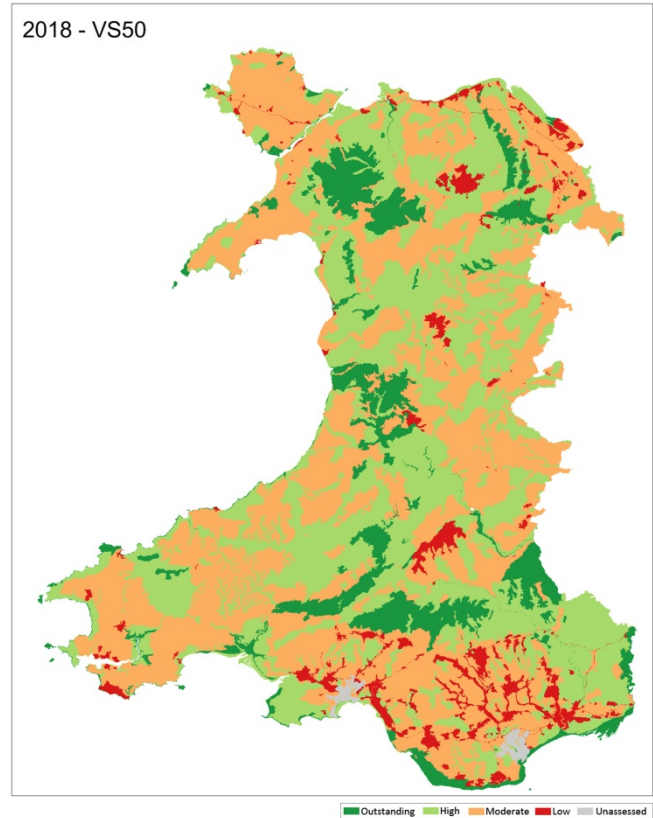


Visual and Sensory Aspect



Final Report

for

Natural Resources Wales

February 2018

Tel: 029 2043 7841
Email: sw@whiteconsultants.co.uk
Web: www.whiteconsultants.co.uk



Contents

1	Introduction	5
2	All Wales overview	7
	Physical form and elements	10
	Aesthetic qualities	12
	Other factors	14
	Evaluations	18
	Appendix 1: Data Tables	23

Tables

Table 1: All Wales - Level 1 and 2 by Overall Evaluation	23
Table 2: All Wales - 4. Topographic form	24
Table 3: All Wales - 5. Landcover pattern	25
Table 4: All Wales - 6. Settlement pattern	26
Table 5: All Wales - 7. Boundary type	27
Table 6: All Wales - 8. Aesthetic Quality: Scale	28
Table 7: All Wales - 9. Aesthetic Quality: Sense of Enclosure	28
Table 8: All Wales - 10. Aesthetic Quality: Diversity	29
Table 9: All Wales - 11. Aesthetic Qualities: Texture	29
Table 10: All Wales - 12. Aesthetic Qualities: Lines	30
Table 11: All Wales - 13. Aesthetic Qualities: Colour	30
Table 12: All Wales - 14. Aesthetic Qualities: Balance	31
Table 13: All Wales - 15. Aesthetic Qualities: Unity	31
Table 14: All Wales - 16. Aesthetic Qualities: Pattern	32
Table 15: All Wales - 17. Aesthetic Qualities: Seasonal Interest	32
Table 16: All Wales - 18. Level of human access	33
Table 17: All Wales – 19. Night time light pollution	34
Table 18: All Wales – 20. Use of construction materials	35
Table 19: All Wales - 22. There are attractive views...	36
Table 20: All Wales - 23. There are detractive views...	37
Table 21: All Wales - 25. Sense of place / local distinctiveness	38
Table 22: All Wales - 27. Condition	39
Table 23: All Wales – 28. Trend	39
Table 24: All Wales – 29. Existing management	39
Table 25: All Wales - 46. Scenic quality	40
Table 26: All Wales – 47. Integrity	40
Table 27: All Wales – 48. Character	41
Table 28: All Wales – 49. Rarity	41

Figures

Figure 2.1: Level 1 and 2 classification (Whole of Wales)	8
Figure 2.2: Overall evaluation by Level 1 Classification (Whole of Wales)	8
Figure 2.3: Level 1 classification by overall evaluation (Whole of Wales)	9
Figure 2.4: Physical form and elements (questions 4 – 7) by overall evaluation and area (Whole of Wales)	11
Figure 2.5: Aesthetic qualities (questions 8 – 17) (Whole of Wales)	13
Figure 2.6: Other factors (questions 18-20) (Whole of Wales)	15
Figure 2.7: Other factors (questions 22, 23, 25) (Whole of Wales)	17
Figure 2.8: Condition, trend and management (Questions 27-29) (Whole of Wales)	18
Figure 2.9: Evaluation questions (46-49) (Whole of Wales)	20
Figure 2.10: Evaluation question 50- Overall Evaluation (Whole of Wales)	21

1 Introduction

- 1.1 White Consultants were commissioned by Natural Resources Wales to update the All Wales statistical analysis of the 2017 Visual and Sensory LANDMAP data in December 2017. This follows on from a study in autumn 2017 which assessed the Cardiff and Swansea urban areas, completing the full land area for the Visual and Sensory dataset.
- 1.2 The aim of this report is to provide key facts, messages and images to interpret landscape character, diversity and quality from the Visual and Sensory aspect layer at an All Wales level. It is therefore only a partial analysis compared to the *LANDMAP Visual and Sensory Aspect Statistics: 2015, White Consultants, 2016* report which also covered designated landscapes (National Parks and AONBs), Registered Historic Landscapes and Local Authority Groups. Analysis of the latter was updated, subsequent to the Cardiff and Swansea studies, for revised Local Authority Groupings, in a report dated October 2017. This report should be read in conjunction with this report.
- 1.3 The format of this report is the same as the 2016 report for consistency. Key findings are set out by survey question, supported by graphs and maps as appropriate. Detailed data tables supporting the analysis are set out in **Appendix 1**.
- 1.4 It should be made clear that the overall Wales area derived from the LANDMAP Visual and Sensory layer is different from the official Wales area. This is partly due to the inclusion of some coastal waters, but also because the boundaries along the coast may vary slightly from the official high water mark. All percentages are related to the total LANDMAP Visual and Sensory dataset area, not to the official Wales land area.
- 1.5 It should be noted that whilst the Cardiff and Swansea urban areas are now included in the dataset the built land components have not been fully assessed as the LANDMAP method is not designed to fully describe extensive built-up urban areas. The built land is therefore classified but not fully described and evaluated. Areas of developed unbuilt land, such as parks, and areas of water have been fully assessed and evaluated.

Key changes from the 2016 report

- 1.6 The key changes from the 2016 report are discussed below.
- 1.7 The overall area covered by the Visual and Sensory dataset has increased from 21,013 to 21,182 km². This is mainly due to the inclusion of the Cardiff and Swansea urban areas and coastal waters off the Vale of Glamorgan. This has had a corresponding effect on the proportion of areas classified as Development, Lowland, Upland and Water:
- The proportion of land classified as Development has increased (4.6% to 5.1%).
 - The proportion of area classified as Water has increased (0.78% to 1.01%).
 - The proportion of land classified as Upland and Lowland have correspondingly decreased.
- 1.8 Overall the changes are very slight due to the relatively small proportion of areas amended or added.
- 1.9 Though the major cities have now been included the Level 2 Built land element of Development, which covers the majority of the urban area, has not been evaluated, as mentioned above. This means that there is a disparity of around 109 km² between the area evaluated (21,073 km²) and the overall area (21,182 km²).
- 1.10 Other additional evaluation has been carried out in terms of trend and management. In 2015 the trend of change for the majority of area (53%) was unassessed. Now all aspect areas have been assessed. Now the majority of land (57%) is categorised as **Constant**, up from 22%. The second highest proportion is defined as **Declining** (34%), up from 21%. Land characterised as **Improving** is a small proportion but it is up from just under 4% to 9%.
- 1.11 In terms of management, there has been a decrease in land considered to be neutrally managed from 4.6% (963km²) to 0%.

- 1.12 The proportion of the area **Scenic quality, Integrity and Character** classified as **outstanding** have increased because of the inclusion of the Vale Of Glamorgan coastal waters.
- 1.13 Areas evaluated as high for **Scenic quality** increase to a small extent.
- 1.14 Areas evaluated as high increase to a modest extent for **Integrity** but the overall balance is essentially unchanged.
- 1.15 Areas evaluated as outstanding and high for **Character** cover a slightly larger proportion of the principality.
- 1.16 Outstanding to high evaluations in **Rarity** appear to be unchanged.
- 1.17 In terms of **overall evaluations** the total area classified as Outstanding slightly increases (10.51% to 10.68%) with small decreases in **High** (39.48% to just over 39.18%) and **moderate** (45.39% to 45.09%). **Low** evaluation decreases (4.61% to 4.53%). These changes are partly explained by the inclusion of the additional developed unbuilt land in Cardiff and Swansea but also by the addition of the Vale of Glamorgan coastal waters and the alteration in proportion caused by the built land part of the cities not being evaluated but contributing to the overall area.

2 All Wales overview

2.1 This chapter provides an analysis of the Visual and Sensory layer for the whole of Wales. All questions that are readily categorised have been examined. The analysis has been split into the categories set out below, following the LANDMAP methodology guidance note for the Visual and Sensory layer:

- Classification
- Physical form and elements
- Aesthetic qualities
- Other factors
- Evaluations

Summary

- 2.2 Over 57% of Wales is categorised as **Upland** with just over a third defined as **Lowland**. Just over 5% is **Development** (now including the urban areas of Cardiff and Swansea). The rest is classified as **Water** (just over 1%).
- 2.3 Almost 11% of the area is evaluated as of overall **Outstanding** value and almost 40% is evaluated as **High**. This means that just over half of the principality is evaluated as **Outstanding** or **High**. Most of the areas evaluated as **Outstanding** are **Upland**.
- 2.4 In terms of the component evaluations, more than half of the land is evaluated as having **Outstanding** or **High Scenic quality** and **Character**. However, less than half is evaluated as having **Outstanding** or **High Integrity** or **Rarity**.
- 2.5 Almost 59% of the landcover is defined as **Field Pattern/Mosaic**, whilst just over 20% is categorised as **Open Land**. Under half is described as **Scattered Rural/Farm** and over a quarter a pattern of **No Settlements**. Wales is clearly a predominantly rural landscape.
- 2.6 In terms of aesthetic factors over two thirds of the land area is categorised as **Balanced** with a further 20% as **Harmonious**. Almost 60% of the land is categorised as having **Unity**.
- 2.7 Just under half of the total land area is classified as having a **Negligible** level of night-time light pollution. Almost $\frac{3}{4}$ of the land has attractive views **both in and out**. Under half has a **strong** sense of place (44%).

Detailed findings

- 2.8 Key findings for each question are set out below, followed by the supporting graphs and/or maps. Data tables providing the raw data behind the graphs are provided in **Appendix 1**. Some questions have been omitted from analysis, as they weren't suitable for categorisation - these are also listed in **Appendix 1**.

Level 1 (Broad landform and land cover) and Level 2 (Landform)

See supporting data Table 1.

- 2.9 As shown in Figure 2.1, over 12,000km² (57.4%) of Wales is categorised as **Upland**, with almost half of that (5,548km²) being **Exposed Upland / Plateau**. A further 4,636km² is categorised as **Hills, Lower Plateau and Scarp Slopes**, with the remaining 1,979km² being **Upland Valleys**.
- 2.10 Over 7,700km² (36.4%) is defined as **Lowland**, with the majority of this just under 4,000km² being **Rolling Lowland**, over 2,200km² being **Lowland Valleys**, just under 1,000km² categorised as **Flat Lowland / Levels** and the remaining 500km² as **Coastal**.
- 2.11 **Development** (both **Built Land** and **Developed Unbuilt Land** such as golf courses, playing fields, parks, quarries and roads, etc.) make up 5.14% of the overall area, and the remaining 1.01% is **Water**.

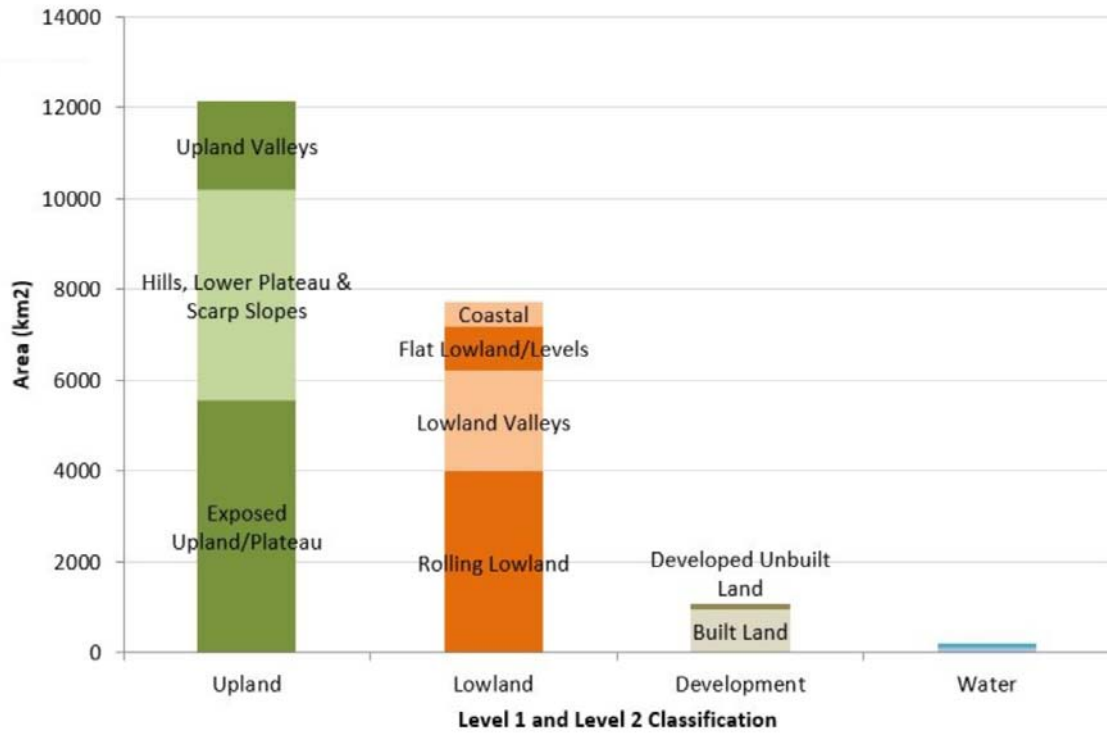


Figure 2.1: Level 1 and 2 classification (Whole of Wales)

2.12 As shown in Figure 2.2, in terms of the overall evaluation of the areas, over 2,250km² of land is categorised as **Outstanding** (around 10.7% of the area of Wales) with some 68% of this land being **Upland**. Almost 8,300km² has an overall evaluation of **High** (around 40% of the area of Wales); again, the majority of this land (64%) is **Upland**. Just over 9,500km² is categorised as **Moderate**.

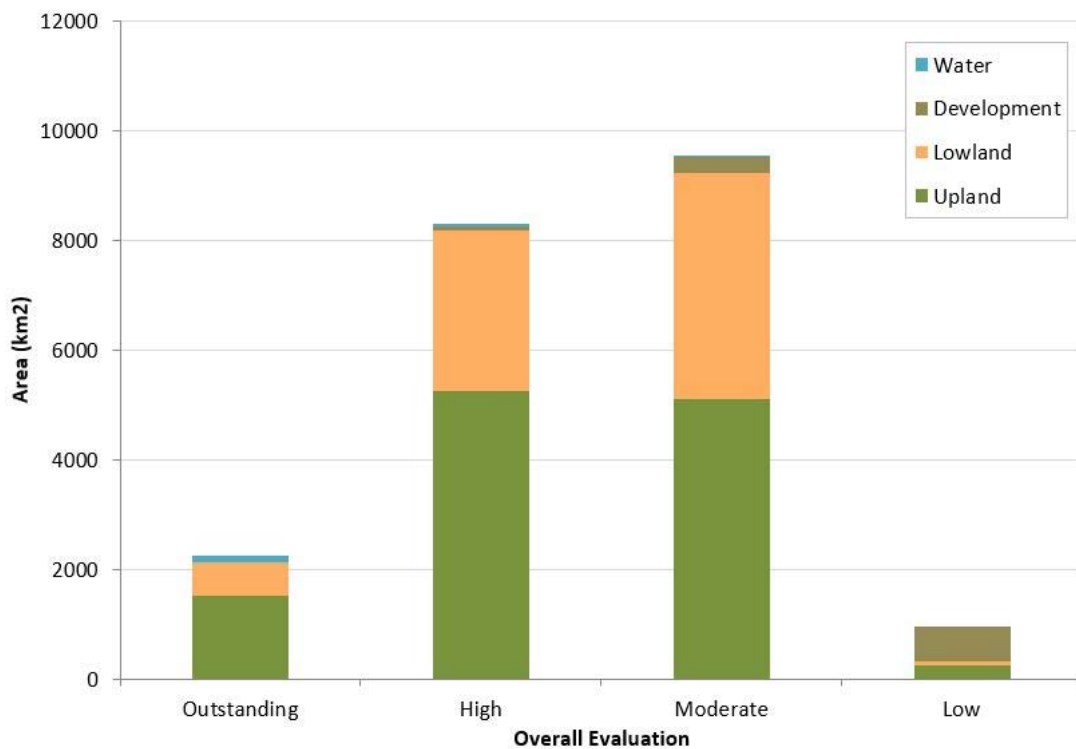


Figure 2.2: Overall evaluation by Level 1 Classification (Whole of Wales)

2.13 Figure 2.3 shows the same data by Level 1 classification. From this graph, it is clear that over half of the area classified as Upland has an overall classification of Outstanding or High (56%).

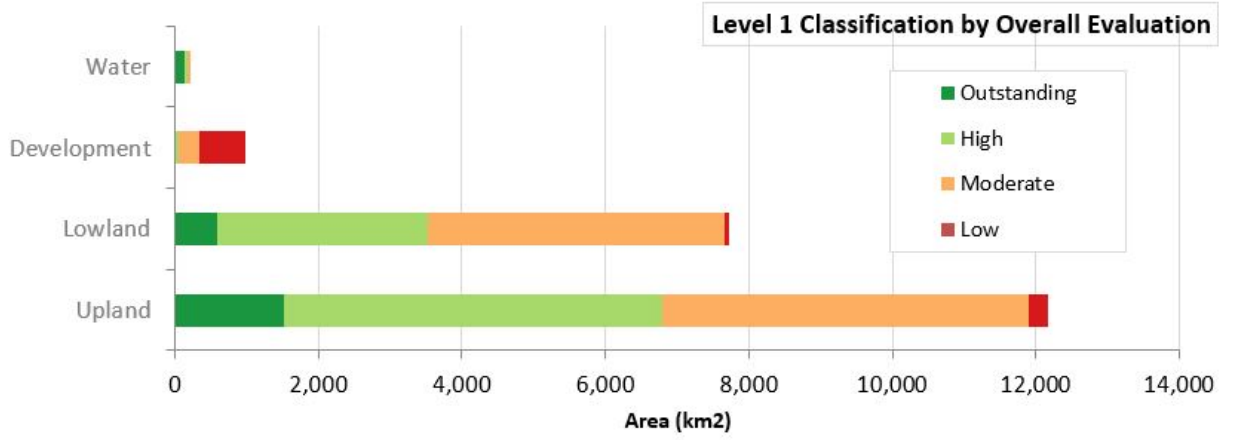


Figure 2.3: Level 1 classification by overall evaluation (Whole of Wales)

Physical form and elements

- 2.14 There are four questions relating to physical form and elements, and the overall area of land within the categories of each of these questions is shown in Figure 2.4. Headline comments on each question are provided below.

4. Topographic form

- 2.15 The largest category in this area is **Rolling / Undulating** (36%), with **Hills / Valleys** (28%), also comprising a large amount of land. Although **High Hills / Mountains** and **Plateaux** account for less area overall, they account for the greatest area of land classified as **Outstanding** (55% or 1250km² in total).

5. Landcover pattern

- 2.16 By far the greatest category of landcover is **Field Pattern / Mosaic**, which accounts for 59% of the total area (12,400km²). Over 5,000km² of this land remains categorised as **High** or **Outstanding**.
- 2.17 The second largest category of landcover is **Open Land**, accounting for 20% of the total area. Open Land has the greatest quantity of land categorised as **Outstanding** (over 1,300km²).
- 2.18 **Development** comprises of 4.05% of the overall assessed LANDMAP area.
- 2.19 Overall, the above proportions indicate that Wales is a predominantly rural and agricultural country.

6. Settlement pattern

- 2.20 In terms of settlement pattern, the greatest category is **Scattered Rural / Farm**, which accounts for 44% of the total area (9,331km²), just under half of the land area within this category is categorised as **High** or **Outstanding**.
- 2.21 The second largest category of settlement pattern is **No settlements**, accounting for 27% of the total area (5,750km²).
- 2.22 The areas with No settlements have the greatest quantity of land categorised as **Outstanding** (1414 km²).

7. Boundary type

- 2.23 Areas with a **Mixture** of boundary types take up the greatest area of land (31% or 6,584km²).
- 2.24 Areas with no boundary type (categorised as **None**) have the greatest area of land categorised as **Outstanding** (1,458km²).

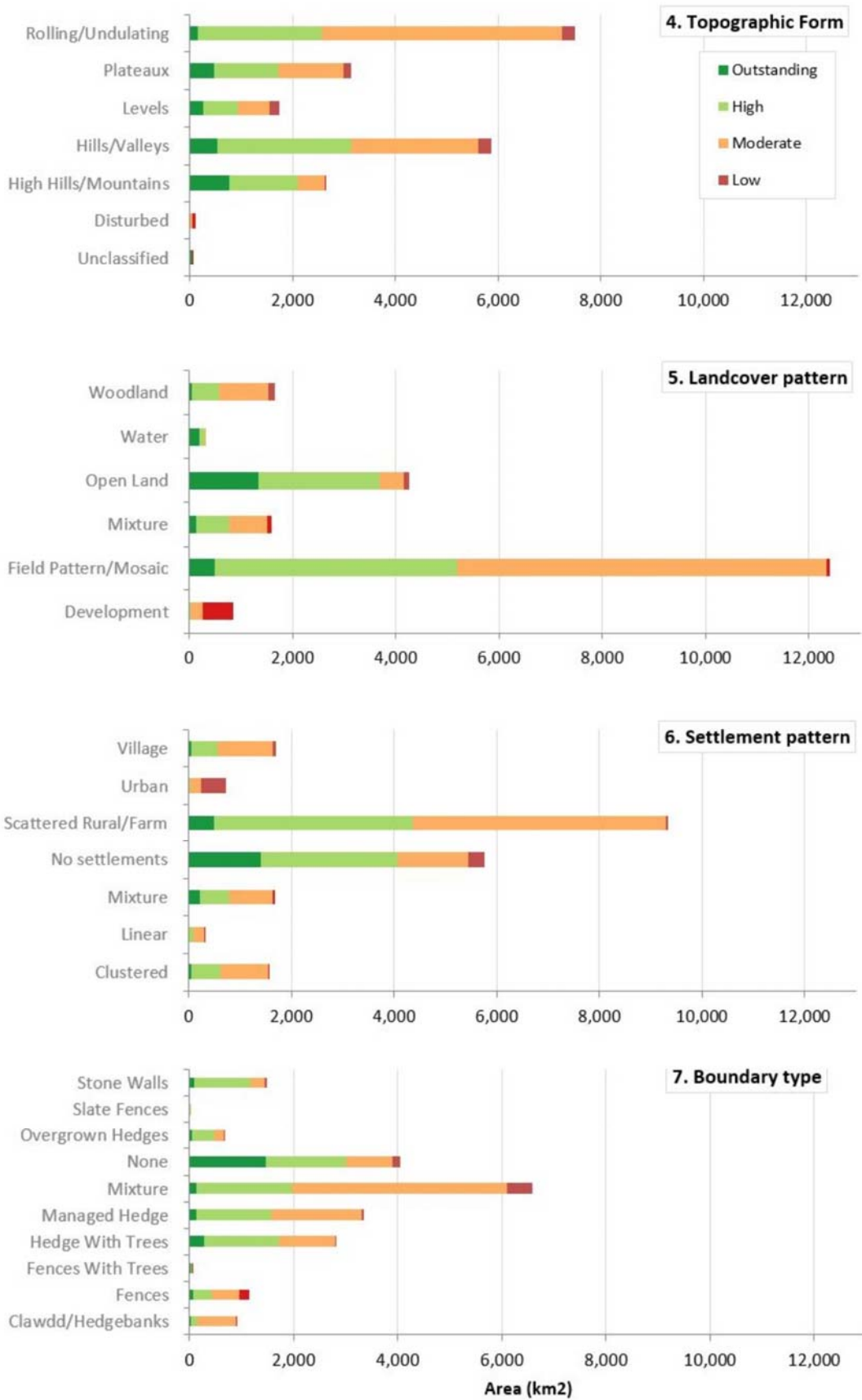


Figure 2.4: Physical form and elements (questions 4 - 7) by overall evaluation and area (Whole of Wales)

Aesthetic qualities

- 2.25 There are ten questions relating to aesthetic qualities. These are listed below and the land area within the categories of each question is summarised in Figure 2.5.

8. Scale

- 2.26 The majority of land falls within the **Medium** (50.65%) and **Large** (27.31%) categories.

9. Sense of enclosure

- 2.27 **Enclosed** and **Open** land comprise roughly a third of the land area each (33.1% and 37.42% respectively), with **Exposed** land being the next largest category (24.69%).

10. Diversity

- 2.28 Over half of the land area (53.72%) is categorised as **Simple**, and over a third of the land as **Diverse** (34.46%).

11. Texture

- 2.29 **Medium** and **Coarse** textured land form the majority of land area (47.31% and 36.18% respectively).

12. Lines

- 2.30 Just over half of the land area (51.11%) is categorised as **Angular**, and a further 35.96% as **Curved**.

13. Colour

- 2.31 Over half of the land area (56.59%) is categorised as **Muted**, and a further 32.8% as **Moderate Contrasts**.

14. Balance

- 2.32 Over two thirds of the land area is categorised as **Balanced** (67.97%), with a further 20.68% as **Harmonious**. Just over 10% of the land area is categorised as **Discordant**.

15. Unity

- 2.33 Over half of the land area is categorised as having **Unity** (58.23%), with a further 37.06% being **Neutral**, and 4.62% as having **Disunity**.

16. Pattern

- 2.34 Just under half of the land is categorised as **Organised** (49.25%), and a further 33.85 % is categorised as **Regular**.

17. Seasonal Interest

- 2.35 In terms of seasonal interest, over half of the land is categorised as **Mixed** (58.52%), and a further 31.62% categorised as **None**. **Autumn** comprises 7.61%. The remaining categories of **Spring**, **Summer** and **Winter** take up 2.25% of land combined.



Other factors

2.36 Questions 18, 19 and 20 are summarised in Figure 2.6, and commented upon below.

18. Level of human access

2.37 Just under half of the total land area (47.27% or 9,961km²) is classified as having **Infrequent access**, which is described as 'an infrequent flow of human movement for most of the day, such as quiet road or rail corridor, canal, park or footpath, small village or hamlet'. This is also the category with the greatest area of land categorised as **Outstanding** (34.54% or 781km²). **Rare** and **Occasional** categories both also have a significant amount of land or water classified as **Outstanding**, with 21.52% (487km²) and 30.72% (695km²) respectively.

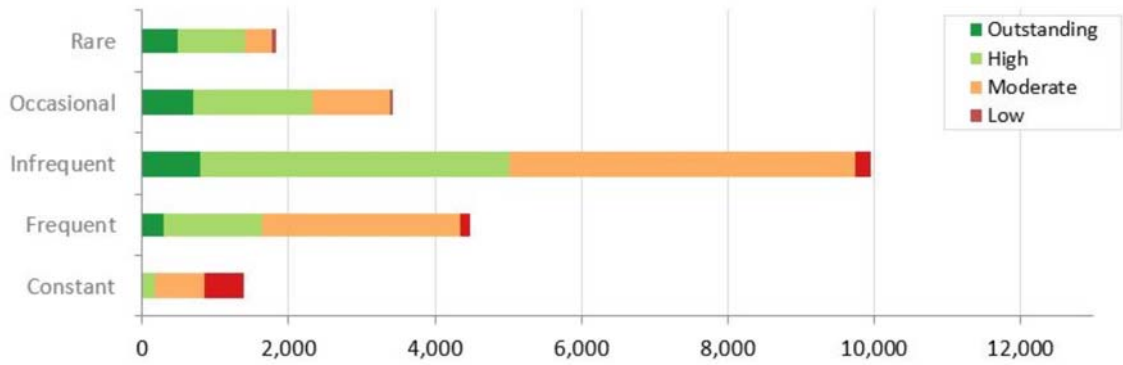
19. Night time light pollution

2.38 Just under half of the total area (46% or 9,649km²) is classified as having a **Negligible** level of night time light pollution, and this category has the largest area of **Outstanding** land/water (1,871km²). A relatively small proportion of the land (4.4% or 928km²) has a **Substantial** level of night time light pollution and this category has the largest area of land with a **Low** overall evaluation (499km²).

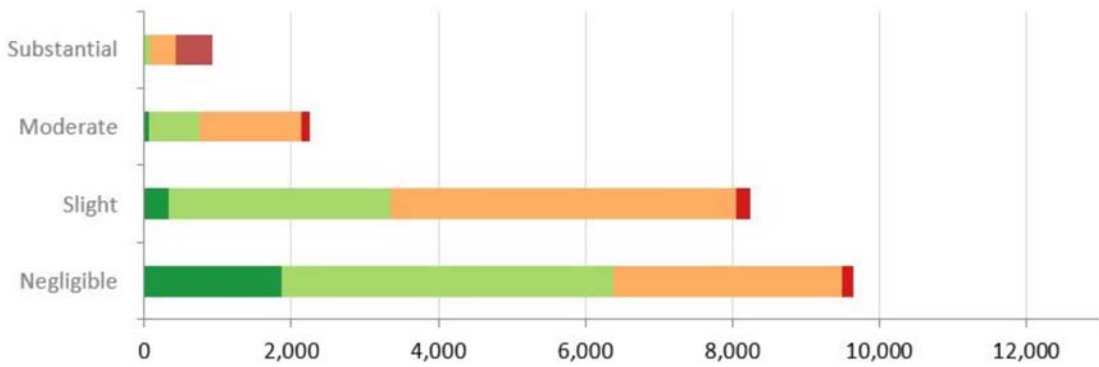
20. Use of construction materials

2.39 The construction materials most recently used in the majority of the land area (69% or 14,623km²) are **Generally Appropriate** in relation to other local materials and to the creation of a sense of place or definitive local character. Within this category 1,350km² of land is classified as **Outstanding**. Areas using **Generally Inappropriate** or **Inappropriate** materials comprise just under 18% of land.

18. Level of human access



19. Night time light pollution



20. Use of construction materials

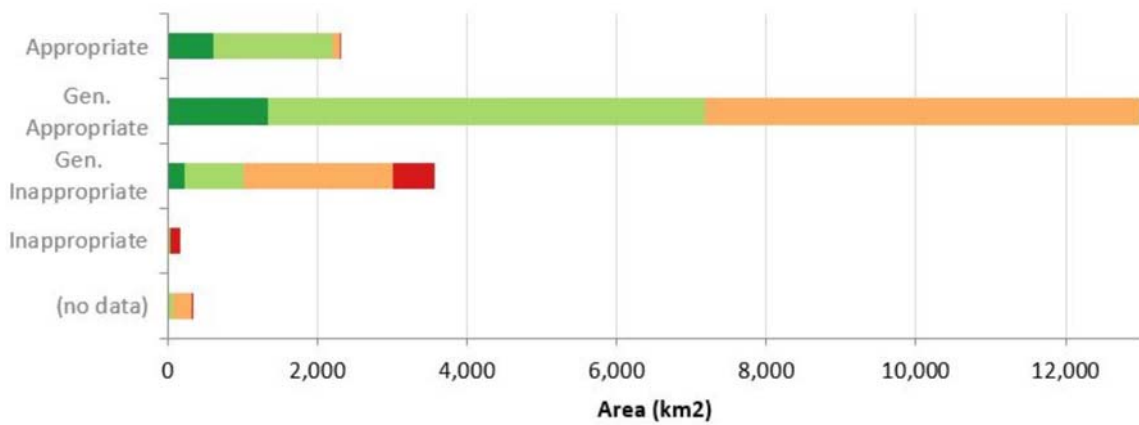


Figure 2.6: Other factors (questions 18-20) (Whole of Wales)

22. Attractive views

- 2.40 The vast majority of land (73% or 15,473km²) has attractive views **both in and out** of the area. This is also the category with the greatest area of land evaluated as **Outstanding** (2,140km²).

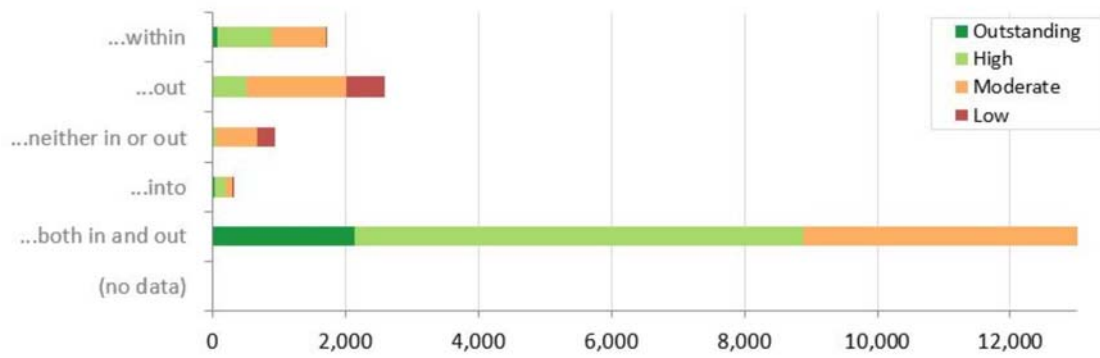
23. Detractive views

- 2.41 In-keeping with question 22, the majority of land (52% or 10,940km²) has detractive views **neither in nor out** of the area. This is the category with the greatest area of land evaluated as **Outstanding** (1,429km²). However, the second-largest category are areas with **detractive views out** which comprises 22% or 4692 km².

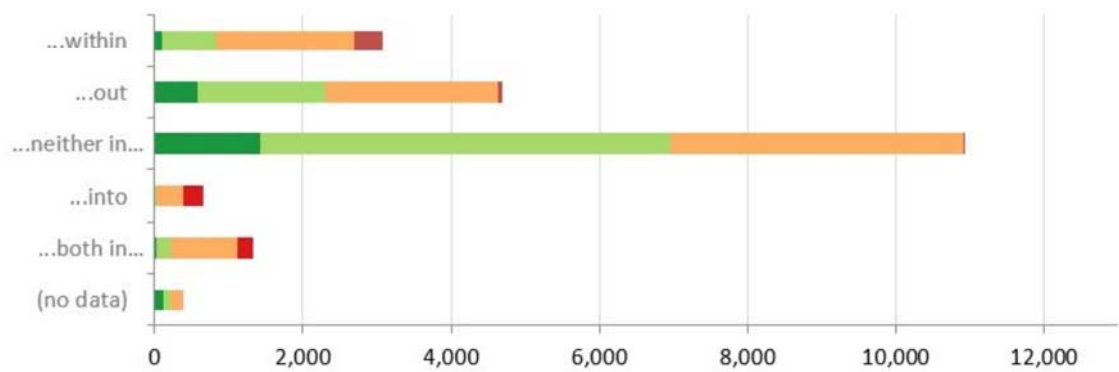
25. Sense of place / local distinctiveness

- 2.42 Around half of the land area (10,294km² or 49%) has a **Moderate** sense of place/local distinctiveness. A slightly lower proportion of land (9,268km² or 44%) has a **Strong** sense of place/local distinctiveness, with this category having the largest area of land evaluated as **Outstanding** (2208km²).

22. There are attractive views...



23. There are detractive views



25. Sense of place / local distinctiveness

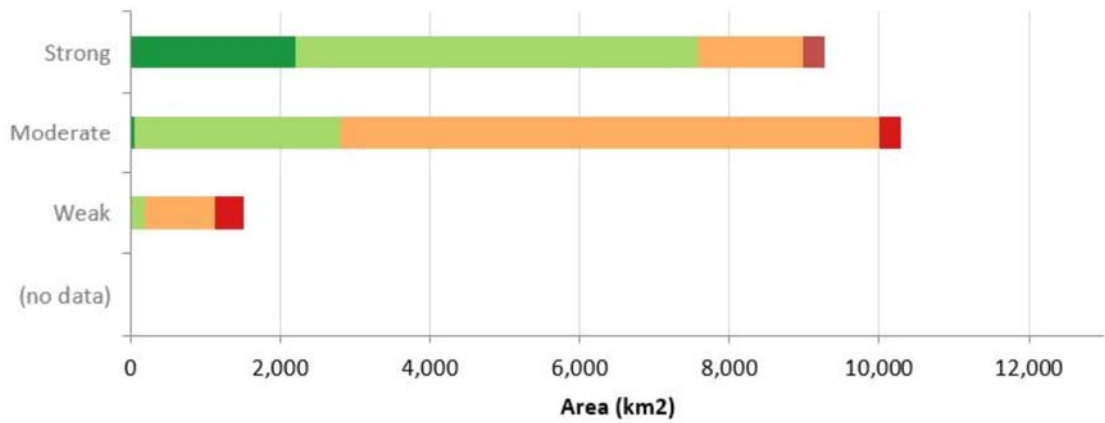


Figure 2.7: Other factors (questions 22, 23, 25)
(Whole of Wales)

27. Condition

2.43 In terms of condition, 18% (3,700km²) of the area is categorised as **Good**, and just under half (9,513km² or 45%) is categorised as **Fair**. Just under 3% (621km²) is categorised as **Poor**, and the remaining 34% (7207km²) as **Unassessed**.

28. Trend

2.44 The majority of land is categorised as **Constant**, 57% (12,077km²). The second highest proportion is defined as **Declining** 34% (7194km²). Only 9% (1,801km²) is categorised as **Improving**.

29. Existing management

2.45 Over 71% (14,223km²) of land is under **Generally Appropriate** management to maintain the positive qualities of the area. A further 8.5% (1718km²) is evaluated as **Generally Inappropriate**. No land is considered to be managed in a **Neutral** way. It was not possible to make a judgement on 20.4% of the land (4,100km²) and this quantity is classified as **Unassessed**.

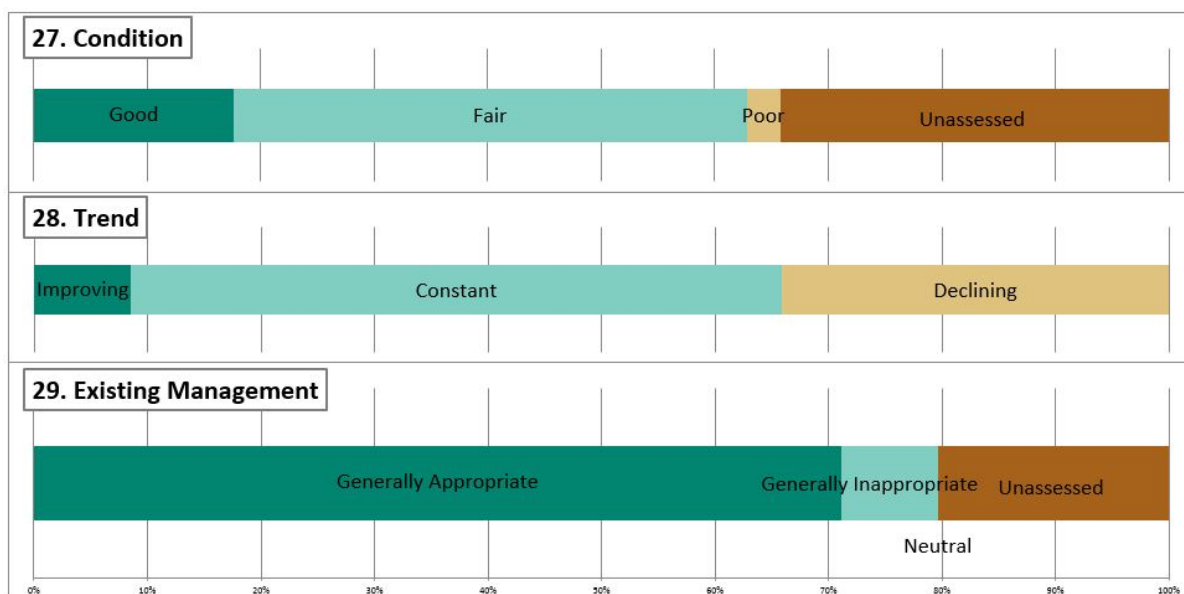


Figure 2.8: Condition, trend and management (Questions 27-29) (Whole of Wales)

Evaluations

2.46 There are four questions providing evaluations of intrinsic value of the area, as set out below. These four evaluations contribute to the overall evaluation for each area.

46. Scenic quality

2.47 Just under 12.5% (2,628km²) of the land is evaluated as **Outstanding** in terms of scenic quality. A further 41% of the total land area is classified as **High** (8707km²) and slightly less as **Moderate** (40% or 8348km²). Just under 7% of the land (1388km²) is classified as **Low**. Therefore, **Outstanding** and **High** evaluations combined cover over half the country (52.5%).

47. Integrity

2.48 Just under 4% (808km²) of the land is evaluated as **Outstanding** in terms of integrity. This is the extent to which the area is in good condition, with consistent character throughout, and is

generally unspoilt by large-scale, visually intrusive or other inharmonious development. A further 44% is classified as **High** (9226km²), and 45% as **Moderate** (9504km²). Just over 7% of the land has a **Low** evaluation. Therefore, **Outstanding** and **High** evaluations cover less than half the country (48%).

48. Character

- 2.49 Almost 12% (2495km²) of the land is evaluated as **Outstanding** in terms of character. This is the extent to which a distinct and recognisable pattern of elements, features and qualities occur within the aspect area, to give a clear sense of place. The **High** evaluation takes up just over 42.5% of the area (8978 km²). The **Moderate** evaluation takes up just under 41% of the area (8609 km²). Less than 5% of the land (989km²) is evaluated as **Low** for character. Therefore, **Outstanding** and **High** evaluations cover over half the country (54.5%).

49. Rarity

- 2.50 Over 6% (1307km²) of the land is evaluated as **Outstanding** in terms of Rarity. This is the extent to which the area's visual and sensory character and/or features or qualities are rare/representative locally, regionally or nationally/internationally. Just over 29% (6116km²) is evaluated as **High**, and over 53% (11231km²) as **Moderate**. More than 11% (2418km²) of the land is evaluated as **Low** for rarity. Therefore, **Outstanding** and **High** evaluations cover only just over a third of the country (35%). Whilst this is significantly less than the other three component evaluations it is possibly a reflection of the generally high value and consistency of the countryside.

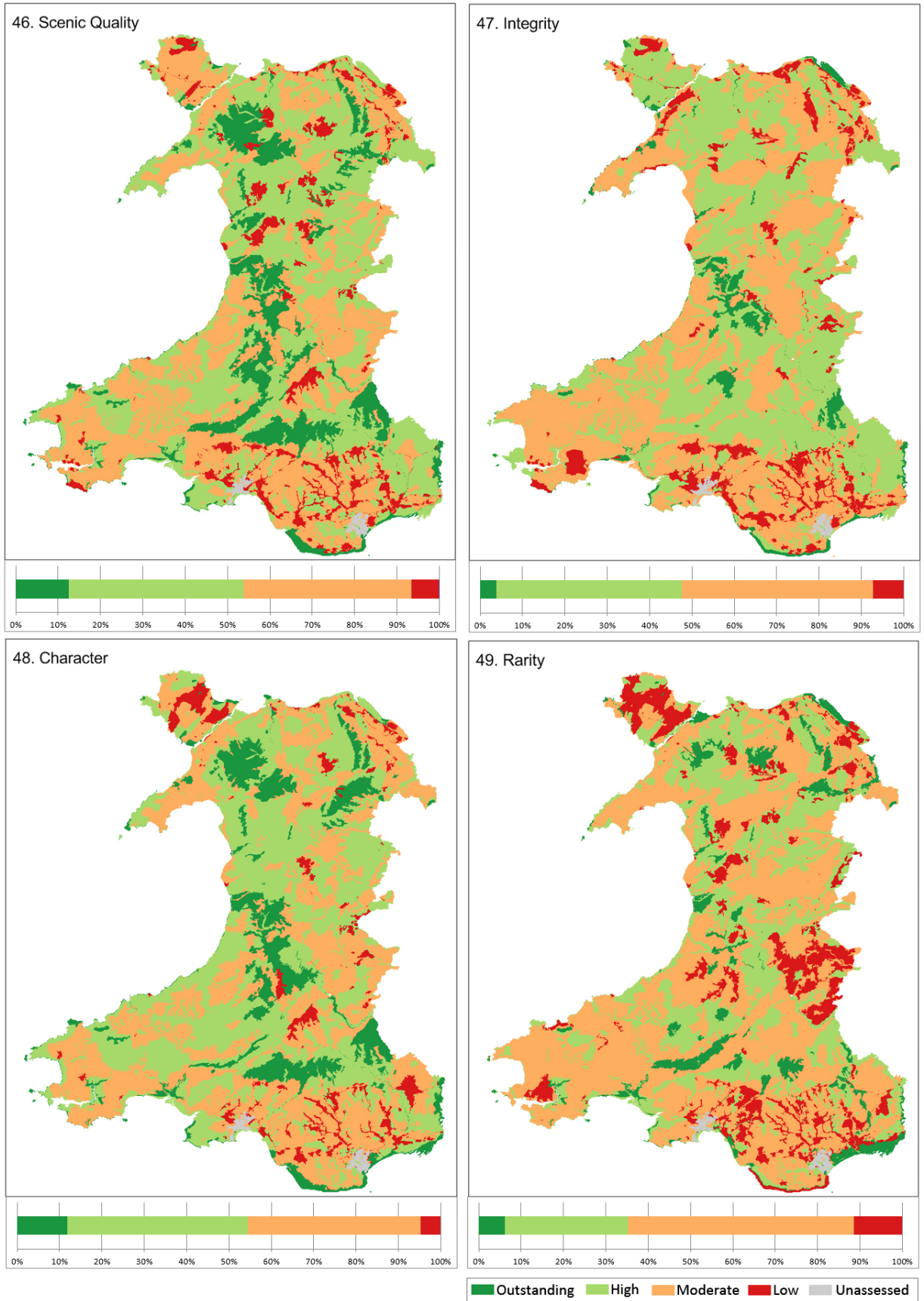


Figure 2.9: Evaluation questions (46-49)
(Whole of Wales)

46. Overall evaluation

2.51 50% of land is evaluated either **Outstanding** or **High**. This appears to be a balance between the four component evaluations. Just over 10.5% (2262km²) of the land is evaluated as **Outstanding**. Just over a quarter of this land of **Outstanding** value is located within areas of **Exposed Upland / Plateau** and just under a quarter is in **Hills, Lower Plateau and scarp slopes**. Just over 39% of the total land area is classified as **High** (8299km²). 20% is in **Exposed Upland / Plateau** and **Hills, Lower Plateau and scarp slopes**. 45% of land is evaluated as **Moderate** value (9551km²). Just 4.5% of the land (960km²) is evaluated as **Low**. Figure 2.10 shows the overall evaluation spatially.

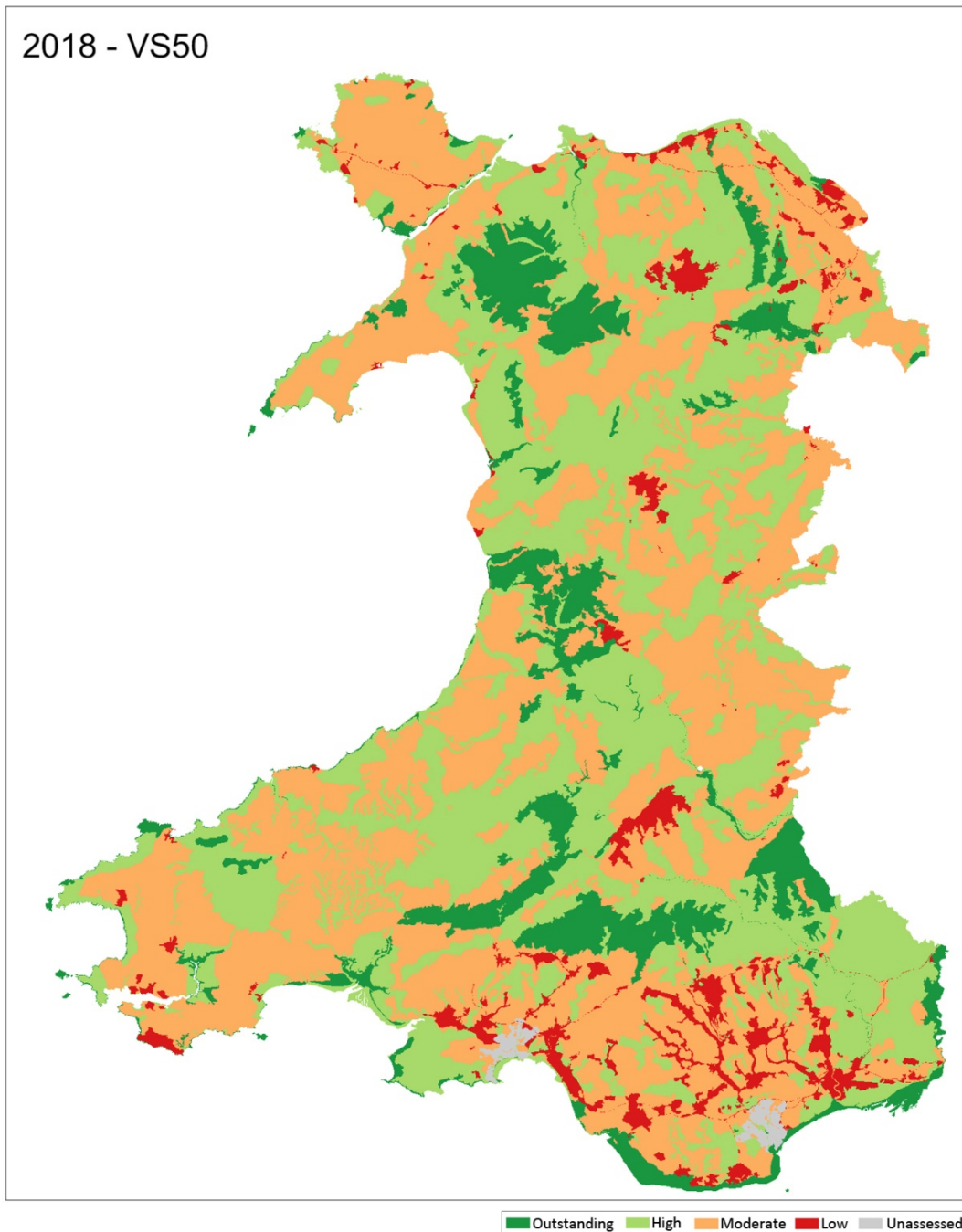


Figure 2.10: Evaluation question 50- Overall Evaluation (Whole of Wales)

Appendix 1: Data Tables

Appendix 1: Data Tables

The data tables in this appendix support the figures provided throughout the main report. All areas are given in km² unless otherwise specified.

Table 1: All Wales - Level 1 and 2 by Overall Evaluation

Level 1	Level 2	Total Area (km ²)	Total area as % of Wales	Area (km2) by overall evaluation				Overall evaluation as a percentage of all Wales			
				Outstanding	High	Moderate	Low	Outstanding	High	Moderate	Low
Level 1 and Level 2 Classification		Area (km2)									
Development	Built Land	947.64	4.47%	1.34	38.57	236.36	562.41	0.01%	0.18%	1.12%	2.66%
	Developed Unbuilt Land	141.24	0.67%	3.16	16.89	38.7	82.49	0.01%	0.08%	0.18%	0.39%
Lowland	Coastal	518.29	2.45%	182.07	292.45	43.77	0	0.86%	1.38%	0.21%	0.00%
	Flat Lowland/Levels	984.52	4.65%	99.18	362.84	478.5	44	0.47%	1.71%	2.26%	0.21%
	Lowland Valleys	2216.71	10.47%	237.48	1402.3	568.41	8.52	1.12%	6.62%	2.68%	0.04%
	Rolling Lowland	3997.67	18.87%	79.78	873.18	3039.58	5.13	0.38%	4.12%	14.35%	0.02%
Upland	Exposed Upland/Plateau	5547.65	26.19%	1246.66	2397.03	1712.08	191.88	5.89%	11.32%	8.08%	0.91%
	Hills, Lower Plateau & Scarp Slopes	4635.64	21.88%	96.12	1812.98	2679.05	47.49	0.45%	8.56%	12.65%	0.22%
	Upland Valleys	1979.21	9.34%	186.31	1051.27	723.6	18.03	0.88%	4.96%	3.42%	0.09%
Water	Coastal Waters	107.42	0.51%	86.46	20.96	0	0	0.41%	0.10%	0.00%	0.00%
	Inland Water (Including Associated Edge)	105.92	0.50%	43.71	31.01	31.2	0	0.21%	0.15%	0.15%	0.00%
TOTAL		21181.91	100%	2262.27	8299.48	9551.25	959.95	10.68%	39.18%	45.09%	4.53%

Table 2: All Wales - 4. Topographic form

2018 Area

VS4	Outstanding	High	Moderate	Low	TOTAL
Unclassified	48.86	5.79	0.27	0.79	55.71
Disturbed	1.69	17.97	23.88	81.18	124.72
High Hills/Mountains	765.42	1332.49	530.99	7.83	2636.73
Hills/Valleys	530.18	2620.59	2460.71	256.71	5868.19
Levels	274.37	675.54	601.46	199.44	1750.81
Plateaux	484.29	1242.91	1259.99	160.39	3147.58
Rolling/Undulating	157.46	2404.19	4673.95	253.61	7489.21
TOTAL	2262.27	8299.48	9551.25	959.95	21072.95

2018 Percentages

VS4	Outstanding	High	Moderate	Low	TOTAL
Unclassified	2.16%	0.07%	0.00%	0.08%	2.31%
Disturbed	0.07%	0.22%	0.25%	8.46%	9.00%
High Hills/Mountains	33.83%	16.06%	5.56%	0.82%	56.27%
Hills/Valleys	23.44%	31.58%	25.76%	26.74%	107.52%
Levels	12.13%	8.14%	6.30%	20.78%	47.35%
Plateaux	21.41%	14.98%	13.19%	16.71%	66.29%
Rolling/Undulating	6.96%	28.97%	48.94%	26.42%	111.29%
TOTAL	100.00%	100.02%	100.00%	100.01%	

Table 3: All Wales - 5. Landcover pattern

2018 Area

VS5	Outstanding	High	Moderate	Low	TOTAL
Development	2.08	39.46	221.2	590.99	853.73
Field Pattern/Mosaic	506.59	4676.62	7168.37	47.15	12398.73
Mixture	146.96	616.08	746.12	79.36	1588.52
Open Land	1345.84	2344.16	459.59	114.32	4263.91
Water	203.59	97.55	15.31	0	316.45
Woodland	57.21	525.61	940.66	127.34	1650.82
TOTAL	2262.27	8299.48	9551.25	959.16	21072.16

2018 Percentages

VS5	Outstanding	High	Moderate	Low	TOTAL
Development	0.09%	0.48%	2.32%	61.62%	4.05%
Field Pattern/Mosaic	22.39%	56.35%	75.05%	4.92%	58.84%
Mixture	6.50%	7.42%	7.81%	8.27%	7.54%
Open Land	59.49%	28.24%	4.81%	11.92%	20.23%
Water	9.00%	1.18%	0.16%	0.00%	1.50%
Woodland	2.53%	6.33%	9.85%	13.28%	7.83%
TOTAL	100.00%	100.00%	100.00%	100.01%	99.99%

Table 4: All Wales - 6. Settlement pattern

2018 Area

VS6	Outstanding	High	Moderate	Low	TOTAL
Clustered	57.9	559.17	927.35	29.16	1573.58
Linear	5.1	79.03	222.65	13.95	320.73
Mixture	228.88	571.58	837.59	39.11	1677.16
No settlements	1414.42	2665.33	1371.25	301.85	5752.85
Scattered Rural/Farm	494.86	3880.58	4915.47	40.05	9330.96
Urban	1.26	36.57	209.45	478.56	725.84
Village	59.85	507.22	1067.49	57.27	1691.83
Total	2262.27	8299.48	9551.25	959.95	21072.95

2018 Percentages

VS6	Outstanding	High	Moderate	Low	TOTAL
Clustered	2.56%	6.74%	9.71%	3.04%	7.47%
Linear	0.23%	0.95%	2.33%	1.45%	1.52%
Mixture	10.12%	6.89%	8.77%	4.07%	7.96%
No settlements	62.52%	32.11%	14.36%	31.44%	27.30%
Scattered Rural/Farm	21.87%	46.76%	51.46%	4.17%	44.28%
Urban	0.06%	0.44%	2.19%	49.85%	3.44%
Village	2.65%	6.11%	11.18%	5.97%	8.03%
Total	100.01%	100.00%	100.00%	99.99%	100.00%

Table 5: All Wales - 7. Boundary type

2018 Area

VS7	Outstanding	High	Moderate	Low	TOTAL
Clawdd/Hedgebanks	25.56	127.65	745.26	0.5	898.97
Fences	60.82	371.83	534.94	190.53	1158.12
Fences With Trees	29.36	18.1	7.51	2.49	57.46
Hedge With Trees	287.24	1440.59	1071.27	13.3	2812.4
Managed Hedge	131.95	1437.41	1728.93	54.7	3352.99
Mixture	122.86	1851.22	4117.44	492.34	6583.86
None	1458.41	1552.21	887.47	159.05	4057.14
Overgrown Hedges	46.66	435.09	176.52	3.11	661.38
Slate Fences	0	3.52	0	0	3.52
Stone Walls	99.41	1061.86	281.91	43.93	1487.11
Total	2262.27	8299.48	9551.25	959.95	21072.95

2018 Percentages

VS7	Outstanding	High	Moderate	Low	TOTAL
Clawdd/Hedgebanks	1.13%	1.54%	7.80%	0.05%	4.27%
Fences	2.69%	4.48%	5.60%	19.85%	5.50%
Fences With Trees	1.30%	0.22%	0.08%	0.26%	0.27%
Hedge With Trees	12.70%	17.36%	11.22%	1.39%	13.35%
Managed Hedge	5.83%	17.32%	18.10%	5.70%	15.91%
Mixture	5.43%	22.31%	43.11%	51.29%	31.24%
None	64.47%	18.70%	9.29%	16.57%	19.25%
Overgrown Hedges	2.06%	5.24%	1.85%	0.32%	3.14%
Slate Fences	0.00%	0.04%	0.00%	0.00%	0.02%
Stone Walls	4.39%	12.79%	2.95%	4.58%	7.06%
Total	100.00%	100.00%	100.00%	100.01%	100.01%

Table 6: All Wales - 8. Aesthetic Quality: Scale

2018 Area

VS8	Area (km ²)
Intimate	188.76
Large	5755.74
Medium	10673.97
Small	1449.07
Vast	3005.41
Total	21072.95

2018 Percentages

VS8	Area (km ²)
Intimate	0.90%
Large	27.31%
Medium	50.65%
Small	6.88%
Vast	14.26%
Total	100.00%

Table 7: All Wales - 9. Aesthetic Quality: Sense of Enclosure

2018 Area

VS9	Area (km ²)
Uncategorised	0
Confined	1010.71
Enclosed	6974.4
Exposed	5201.98
Open	7885
Total	21072.09

2018 Percentages

VS9	Area (km ²)
Uncategorised	0.00%
Confined	4.80%
Enclosed	33.10%
Exposed	24.69%
Open	37.42%
Total	100.01%

Table 8: All Wales - 10. Aesthetic Quality: Diversity**2018 Area**

VS10	Area (km ²)
Complex	397.17
Diverse	7262.39
Simple	11319.88
Uniform	2093.51
Total	21072.95

2018 Percentages

VS10	Area (km ²)
Complex	1.88%
Diverse	34.46%
Simple	53.72%
Uniform	9.93%
Total	99.99%

Table 9: All Wales - 11. Aesthetic Qualities: Texture**2018 Area**

VS11	Area (km ²)
Coarse	7623.42
Medium	9969.92
Mixture	1076.14
Rock Exposure	467.67
Smooth	1935.8
Total	21072.95

2018 Percentages

VS11	Area (km ²)
Coarse	36.18%
Medium	47.31%
Mixture	5.11%
Rock Exposure	2.22%
Smooth	9.19%
Total	100.01%

Table 10: All Wales - 12. Aesthetic Qualities: Lines

2018 Area

VS12	Area (km ²)
	20.65
Angular	10769.46
Curved	7578.17
Sinuuous	813.33
Straight	1891.34
Total	21072.95

2018 Percentages

VS12	Area (km ²)
	0.10%
Angular	51.11%
Curved	35.96%
Sinuuous	3.86%
Straight	8.98%
Total	100.01%

Table 11: All Wales - 13. Aesthetic Qualities: Colour

2018 Area

VS13	Area (km ²)
Colourful	1160.12
Garish	82.57
Moderate Contrasts	6929.78
Muted	11925.52
Strong Contrasts	974.96
Total	21072.95

2018 Percentages

VS13	Area (km ²)
Colourful	5.51%
Garish	0.39%
Moderate Contrasts	32.88%
Muted	56.59%
Strong Contrasts	4.63%
Total	100.00%

Table 12: All Wales - 14. Aesthetic Qualities: Balance

2018 Area

VS14	Area (km ²)
	58.97
Balanced	14322.73
Chaotic	112.14
Discordant	2221.98
Harmonious	4357.13
Total	21072.95

2018 Percentages

VS14	Area (km ²)
	0.28%
Balanced	67.97%
Chaotic	0.53%
Discordant	10.54%
Harmonious	20.68%
Total	100.00%

Table 13: All Wales - 15. Aesthetic Qualities: Unity

2018 Area

VS15	Area (km ²)
	19.97
Disunity	973.42
Neutral	7809.6
Unity	12269.96
Total	21072.95

2018 Percentages

VS15	Area (km ²)
	0.09%
Disunity	4.62%
Neutral	37.06%
Unity	58.23%
Total	100.00%

Table 14: All Wales - 16. Aesthetic Qualities: Pattern

2018 Area

VS16	Area (km ²)
Formal	237.85
Organised	10377.57
Random	3324.47
Regular	7133.06
Total	21072.95

2018 Percentages

VS16	Area (km ²)
Formal	1.13%
Organised	49.25%
Random	15.78%
Regular	33.85%
Total	100.01%

Table 15: All Wales - 17. Aesthetic Qualities: Seasonal Interest

2018 Area

VS17	Area (km ²)
Autumn	1603.52
Mixed	12332.03
None	6662.31
Spring	9.87
Summer	266.26
Winter	198.96
Total	21072.95

2018 Percentages

VS17	Area (km ²)
Autumn	7.61%
Mixed	58.52%
None	31.62%
Spring	0.05%
Summer	1.26%
Winter	0.94%
Total	100.00%

Table 16: All Wales - 18. Level of human access

2018 Area

VS18	Area (km ²)				
	Outstanding	High	Moderate	Low	Total
Constant	8.77	170.24	669.73	533.86	1382.6
Frequent	290.27	1347.43	2712.22	136.89	4486.81
Infrequent	781.48	4232.2	4734.35	212.7	9960.73
Occasional	694.93	1636.69	1059.15	23.87	3414.64
Rare	486.82	912.92	375.8	52.63	1828.17
Total	2262.27	8299.48	9551.25	959.95	21072.95

2018 Percentages

VS18	Area (km ²)				
	Outstanding	High	Moderate	Low	Total
Constant	0.39%	2.05%	7.01%	55.61%	6.56%
Frequent	12.83%	16.24%	28.40%	14.26%	21.29%
Infrequent	34.54%	50.99%	49.57%	22.16%	47.27%
Occasional	30.72%	19.72%	11.09%	2.49%	16.20%
Rare	21.52%	11.00%	3.93%	5.48%	8.68%
Total	100.00%	100.00%	100.00%	100.00%	100.00%

Table 17: All Wales - 19. Night time light pollution

2018 Area

	Area (km ²)				
VS19	Outstanding	High	Moderate	Low	Total
Negligible	1870.98	4510.32	3110.72	156.76	9648.78
Slight	333.03	3011.69	4710.22	183.15	8238.09
Moderate	52.85	706.83	1369.73	121.28	2250.69
Substantial	5.41	70.64	353.08	498.76	927.89
			7.5		7.5
Total	2262.27	8299.48	9551.25	959.95	21072.95

2018 Percentages

	Area (km ²)				
VS19	Outstanding	High	Moderate	Low	Total
Negligible	82.70%	54.34%	32.57%	16.33%	45.79%
Slight	14.72%	36.29%	49.32%	19.08%	39.09%
Moderate	2.34%	8.52%	14.34%	12.63%	10.68%
Substantial	0.24%	0.85%	3.70%	51.96%	4.40%
	0.00%	0.00%	0.08%	0.00%	0.04%
Total	100.00%	100.00%	100.01%	100.00%	100.00%

Table 18: All Wales - 20. Use of construction materials**2018 Area**

VS20	Area (km ²)				
	Outstanding	High	Moderate	Low	Total
(no data)	17.97	62.54	250.38	18.22	349.11
Inappropriate	4.31	29.79	5.21	137.02	176.33
Generally Inappropriate	227.03	778.66	2010.48	556.39	3572.56
Generally Appropriate	1349.59	5844.61	7182.15	246.8	14623.15
Appropriate	663.37	1583.88	103.03	1.52	2351.8
Total	2262.27	8299.48	9551.25	959.95	21072.95

2018 Percentages

VS20	Area (km ²)				
	Outstanding	High	Moderate	Low	Total
(no data)	0.79%	0.75%	2.62%	1.90%	1.66%
Inappropriate	0.19%	0.36%	0.05%	14.27%	0.84%
Generally Inappropriate	10.04%	9.38%	21.05%	57.96%	16.95%
Generally Appropriate	59.66%	70.42%	75.20%	25.71%	69.39%
Appropriate	29.32%	19.08%	1.08%	0.16%	11.16%
Total	100.00%	99.99%	100.00%	100.00%	100.00%

Table 19: All Wales - 22. There are attractive views...

2018 Area

	Area (km ²)				
VS22	Outstanding	High	Moderate	Low	Total
(no data)	0	0	11.45		11.45
...both in and out	2139.77	6754.11	6507.42	71.48	15472.78
...into	30.59	176.46	103.18	6.27	316.5
...neither in or out	0	47.42	636.31	258.33	942.06
....out	11.86	497.38	1500.45	590.19	2599.88
...within	80.05	824.11	792.44	33.68	1730.28
Total	2262.27	8299.48	9551.25	959.95	21072.95

2018 Percentages

	Area (km ²)				
VS22	Outstanding	High	Moderate	Low	Total
(no data)	0.00%	0.00%	0.12%	0.00%	0.05%
...both in and out	94.59%	81.38%	68.13%	7.45%	73.42%
...into	1.35%	2.13%	1.08%	0.65%	1.50%
...neither in or out	0.00%	0.57%	6.66%	26.91%	4.47%
....out	0.52%	5.99%	15.71%	61.48%	12.34%
...within	3.54%	9.93%	8.30%	3.51%	8.21%
Total	100.00%	100.00%	100.00%	100.00%	99.99%

Table 20: All Wales - 23. There are detractive views...

2018 Area

	Area (km ²)				
VS23	Outstanding	High	Moderate	Low	Total
(no data)	115.53	105	166.08	0	386.61
...both in and out	23.57	184.61	907.56	206.31	1322.05
...into	0	30.56	354.73	263.18	648.47
...neither in or out	1428.7	5530.27	3951.26	29.26	10939.49
...out	585.51	1726.73	2314.68	64.69	4691.61
...within	108.96	722.31	1856.94	396.51	3084.72
Total	2262.27	8299.48	9551.25	959.95	21072.95

2018 Percentages

	Area (km ²)				
VS23	Outstanding	High	Moderate	Low	Total
(no data)	5.11%	1.27%	1.74%	0.00%	1.83%
...both in and out	1.04%	2.22%	9.50%	21.49%	6.27%
...into	0.00%	0.37%	3.71%	27.42%	3.08%
...neither in or out	63.15%	66.63%	41.37%	3.05%	51.91%
...out	25.88%	20.81%	24.23%	6.74%	22.26%
...within	4.82%	8.70%	19.44%	41.31%	14.64%
Total	100.00%	100.00%	99.99%	100.01%	99.99%

Table 21: All Wales - 25. Sense of place / local distinctiveness

2018 Area

	Area (km ²)				
VS25	Outstanding	High	Moderate	Low	Total
(no data)	0	1.76	3.58	0	5.34
Weak	0	183.46	949.32	373.41	1506.19
Moderate	53.82	2742.2	7204.86	293.01	10293.89
Strong	2208.45	5372.06	1393.49	293.53	9267.53
Total	2262.27	8299.48	9551.25	959.95	21072.95

2018 Percentages

	Area (km ²)				
VS25	Outstanding	High	Moderate	Low	Total
(no data)	0.00%	0.02%	0.04%	0.00%	0.03%
Weak	0.00%	2.21%	9.94%	38.90%	7.15%
Moderate	2.38%	33.04%	75.43%	30.52%	48.85%
Strong	97.62%	64.73%	14.59%	30.58%	43.98%
Total	100.00%	100.00%	100.00%	100.00%	100.01%

Table 22: All Wales - 27. Condition

2018 Area

VS27	Area (km ²)
Good	3699.87
Fair	9513.05
Poor	621.45
Unassessed	7206.88
Total	21041.25

2018 Percentages

VS27	Area (km ²)
Good	17.58%
Fair	45.21%
Poor	2.95%
Unassessed	34.25%
Total	99.99%

Table 23: All Wales - 28. Trend

2018 Area

VS28	Area (km ²)
Improving	1801.57
Constant	12077.34
Declining	7194.04
Unassessed	
Total	21072.95

2018 Percentages

VS28	Area (km ²)
Improving	8.55%
Constant	57.31%
Declining	34.14%
Unassessed	0.00%
Total	100.00%

Table 24: All Wales - 29. Existing management

2018 Area

VS29	Area (km ²)
Generally Appropriate	14294.97
Generally Inappropriate	1718.7
Neutral	0
Unassessed	4099.53
Total	20113.2

2018 Percentages

VS29	Area (km ²)
Generally Appropriate	71.07%
Generally Inappropriate	8.55%
Neutral	0.00%
Unassessed	20.38%
Total	100.00%

Table 25: All Wales - 46. Scenic quality

2018 Area

VS46	Area (km ²)
Outstanding	2628.07
High	8707.07
Moderate	8348.5
Low	1388.49
Unassessed	0.82
Total	21072.95

2018 Percentages

VS46	Area (km ²)
Outstanding	12.47%
High	41.32%
Moderate	39.62%
Low	6.59%
Unassessed	0.00%
Total	100.00%

Table 26: All Wales - 47. Integrity

2018 Area

VS47	Area (km ²)
Outstanding	808.08
High	9225.9
Moderate	9504.22
Low	1534.75
Total	21072.95

2018 Percentages

VS47	Area (km ²)
Outstanding	3.83%
High	43.78%
Moderate	45.10%
Low	7.28%
Total	99.99%

Table 27: All Wales - 48. Character

2018 Area

VS48	Area (km ²)
Outstanding	2494.99
High	8978.12
Moderate	8609.04
Low	989.07
Unassessed	1.72
Total	21072.94

2018 Percentages

VS48	Area (km ²)
Outstanding	11.84%
High	42.60%
Moderate	40.85%
Low	4.69%
Unassessed	0.01%
Total	99.99%

Table 28: All Wales - 49. Rarity

2018 Area

VS49	Area (km ²)
Outstanding	1307.43
High	6115.58
Moderate	11231.01
Low	2418.93
Total	21072.95

2018 Percentages

VS49	Area (km ²)
Outstanding	6.20%
High	29.02%
Moderate	53.30%
Low	11.48%
Total	100.00%